

REQUEST

For rec	_
International Application No. PCT/FR03/003404	
International Filing Date: November 18, 2003	
Name of receiving Office and "PCT International Application"	

The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty. Applicant's or agent's file reference (if desired) (12 characters maximum) B. 1201 PCT-PI/6 Box No. I TITLE OF INVENTION Double-Effect Pyrotechnic Micro-Actuator for Microsystem and Microsystem Using Same Box No. II **APPLICANT** This person is also inventor Name and address: (Family name followed by given name; for a legal entity, full official designation. Telephone No. The address must include postal code and name of country. The country of the address indicated in this 01 48 04 66 66 Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) **SNPE** Facsimile No. 01 48 04 69 66 12 Quai Henri IV **75004 PARIS FRANCE** Teleprinter No. Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: **FRANCE FRANCE** all designated all designated States except the This person is applicant the United States the States indicated in the for the purposes of: United States of America of America only Supplemental Box Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S) Name and address: (Family name followed by given name; for a legal entity, full official designation. This person is: The address must include postal code and name of country. The country of the address indicated in this applicant only Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) applicant and inventor **BIOMERIEUX** Chemin de l'Orme inventor only (If this check-box 69280 MARCY L'ETOILE is marked, do not fill in below.) **FRANCE** Applicant's registration No. with the Office State (that is, country) of nationality: State (that is, country) of residence: FRANCE **FRANCE** This person is applicant for all designated all designated States except the United States the States indicated in the the purposes of: the United States of America States of America only Supplemental Box Further applicants and/or (further) inventors are indicated on a continuation sheet. Box No. IV AGENT OR COMMON REPRESENTATIVE; OR ADDRESS FOR CORRESPONDENCE The person identified below is hereby/has been appointed to act on behalf of the common representative agent applicant(s) before the competent International Authorities as: Telephone No. (Family name followed by given name; for a legal entity, full official Name and address: 01 48 04 66 66 designation. The address must include postal code and name of country.) SNPE Facsimile No. SERVICE PROPRIETE INDUSTRIELLE 01 48 04 69 66 12 Quai Henri IV **75004 PARIS** Teleprinter No. **FRANCE** Agent's registration No. with the Office Address for correspondence: Mark this check-box where no agent or common representative is/has been appointed and the space above is used

instead to indicate a special address to which correspondence should be sent.

Continuation of Box No. III FURTHER APPLICANT(S) AND/OR (FURTHER) INVENTOR(S)							
If none of the following sub-boxes is used, this sheet should not be included in the request.	If none of the following sub-boxes is used, this sheet should not be included in the request.						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) BROYER, Patrick Le Parc du Ferrier Rue des Maires Andre 01700 BEYNOST FRANCE	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)						
	Applicant's registration No. with the Office						
State (that is, country) of nationality: FRANCE State (that is, country) of res	sidence: FRANCE						
1	Inited States the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) COLIN, Bruno 23 Chemin des Garennes 69280 MARCY L'ETOILE FRANCE	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: FRANCE State (that is, country) of resi							
This person is applicant for all designated all designated States except the Ur	FRANCE nited States the States indicated in the						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) ROLLER, Denis 9 Villa du Gamay 91590 LA FERTE ALAIS FRANCE	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.)						
	Applicant's registration No. with the Office						
State (that is, country) of nationality: FRANCE State (that is, country) of resi	idence: FRANCE						
Laterian	nited States the States indicated in the Supplemental Box						
Name and address: (Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country. The country of the address indicated in this Box is the applicant's State (that is, country) of residence if no State of residence is indicated below.) .	This person is: applicant only applicant and inventor inventor only (If this check-box is marked, do not fill in below.) Applicant's registration No. with the Office						
State (that is, country) of nationality: State (that is, country) of residence:							
41	the States indicated in the Supplemental Box						
Further applicants and/or (further) inventors are indicated on another continuation sheet.							

Box No. V	DESIGNATION OF	ES	Mark	the applicable check-boxes below;	at le	ione	must be marked.
The following designations are hereby made under Rule 4.9(a):							
Regional	Patent						
AP ARIPO Patent: GH Ghana, GM Gambia, KE Kenya, LS Lesotho, MW Malawi, MZ Mozambique, SD Sudan, SL Sierra Leone, SZ Swaziland, TZ United Republic of Tanzania, UG Uganda, ZM Zambia, ZW Zimbabwe, and any other State which is a Contracting State of the Harare Protocol and of the PCT (if other kind of protection or treatment							
desired, specify on dotted line) EA Eurasian Patent: AM Armenia, AZ Azerbaijan, BY Belarus, KG Kyrgyzstan, KZ Kazakhstan, MD Republic of Moldova, RU Russian Federation, TJ Tajikistan, TM Turkmenistan, and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT							
EP European Patent: AT Austria, BE Belgium, BG Bulgaria, CH & LI Switzerland and Liechtenstein, CY Cyprus, CZ Czech Republic, DE Germany, DK Denmark, EE Estonia, ES Spain, FI Finland, FR France, GB United Kingdom, GR Greece, HU Hungary, IE Ireland, IT Italy, LU Luxembourg, MC Monaco, NL Netherlands, PT Portugal, RO Romania, SE Sweden, SI Slovenia, SK Slovakia, TR Turkey, and any other State which is a Contracting State of							
the European Patent Convention and of the PCT OA OAPI Patent: BF Burkina Faso, BJ Benin, CF Central African Republic, CG Congo, CI Côte d'Ivoire, CM Cameroon, GA Gabon, GN Guinea, GQ Equatorial Guinea, GW Guinea-Bissau, ML Mali, MR Mauritania, NE Niger, SN Senegal, TD Chad, TG Togo, and any other State which is a member State of OAPI and a Contracting State of the PCT (if other kind of protection or treatment desired, specify on dotted line)							
National P	atent (if other kind of protection o	or tre	atmeni	t desired, specify on dotted line):			
AE AG AL AM AT AU AZ	United Arab Emirates Antigua and Barbuda Albania Armenia Austria Australia Azerbaijan		HR HU ID IL IN IS JP	Croatia Hungary Indonesia Israel India Iceland Japan		PG	Oman Papua New Guinea Philippines Poland Portugal Romania Russian Federation
⊠ BB ⊠ BG ⊠ BR ⊠ BY	Barbados Bulgaria Brazil Belarus Belize		KE KG KP KR KZ LC	Kenya Kyrgyzstan Democratic People's Republic of Korea Republic of Korea Kazakhstan Saint Lucia		SC SD SE SG SK SL	Seychelles Sudan Sweden Singapore Slovakia Sierra Leone
⊠ CA ⊠ CH & ⊠ CN ⊠ CO	Canada LI Switzerland and Liechtenstein China Colombia		LK LR LS LT	Sri Lanka Liberia Lesotho Lithuania Luxembourg		SY TJ TM TN TR	Syrian Arab Republic Tajikistan Turkmenistan Tunisia
⊠ CR ⊠ CU ⊠ CZ	Costa RicaCubaCzech Republic		LV MA	Latvia Morocco Republic of Moldova		TT TZ	Trinidad and Tobago United Republic of Tanzania
⊠ DK ⊠ DM	Germany Denmark Dominica Algeria	\boxtimes	MG MK	Madagascar The former Yugoslav Republic of Macedonia		UA UG US	Ukraine Uganda United States of America
⊠ EC ⊠ EE ⊠ ES	Ecuador Estonia Spain		MN MW	Mongolia Malawi	\boxtimes	UZ VC	Uzbekistan Saint Vincent and the Grenadines
⊠ GH	Finland United Kingdom Grenada Georgia Ghana		MZ NI	Mexico Mozambique Nicaragua Norway New Zealand		VN YU ZA ZM ZW	Viet Nam Serbia and Montenegro South Africa Zambia Zimbabwe
Check-boxes reserved for designating States which have become party to the PCT after issuance of this sheet:							
					<u> </u>		
Precautionary Designation Statement: In addition to the designations made above, the applicant also makes under Rule 4.9(b) all other designations which would be permitted under the PCT except the designation(s) indicated in the Supplemental Box as being excluded from the scope of this statement. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. (Confirmation (including fees) must reach the receiving Office within the 15-month time limit.)							

Box No. VI PRIORITY CLAIM								
The priority of the following earlier application(s) is hereby claimed:								
Filing date	date Number Where earlier application is:							
of earlier application (day/month/year)	of earlier application	national application: country or Member of WTO	international application: receiving Office					
item (1) 19 November 2002 (19/11/2002)	0214459	FRANCE						
item (2)								
item (3)								
item (4)								
item (5)								
Further priority cl	aims are indicated in the S	Supplemental Box.						
The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) (only if the earlier application was filed with the Office which for the purposes of this international application is the receiving Office) identified above as:								
all items 🛛 ite	em (1) item (2)	item (3)	item (4) item (5	other, see Supplemental Box				
*Where the earlier application is an ARIPO application, indicate at least one country party to the Paris Convention for the Protection of Industrial Property or one Member of the World Trade Organization for which that earlier application was filed (Rule 4.10(b)(ii)):								
Box No. VII INTERNA	ATIONAL SEARCHING	AUTHORITY						
Choice of International Searching Authority (ISA) (if two or more International Searching Authorities are competent to carry out the international search, indicate the Authority chosen; the two-letter code may be used): ISA /EP								
Request to use results of earlier search; reference to that search (if an earlier search has been carried out by or requested from the International Searching Authority):								
Date (day/month/year)								
Box No. VIII DECLARATIONS								
The following declarations are contained in Boxes Nos. VIII (i) to (v) (mark the applicable check-boxes below and indicate in the right column the number of each type of declaration): Number of declarations								
Box No. VIII (i)	Declaration as to the identify of the inventor :							
Box No. VIII (ii) Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent:								
Box No. VIII (iii)	Box No. VIII (iii) Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application :							
Box No. VIII (iv)	Declaration of inventorship (only for the purposes of the designation of the United States of America):							
Box No. VIII (v)	Box No. VIII (v) Declaration as to non-prejudicial disclosures or exceptions to lack of novelty:							

Box No. IX CHECK LIST; LANC	GÜASE OF I	FILIN	G				
This international application conta (a) in paper form, the following number of sheets:	ins:	item	(s) <i>(i</i>	mar	tional application is accompanied by the the applicable check-boxes below and the number of each item):		Number of items
request (including declaration sheets) : 5 description (excluding sequence listings and/or tables related thereto) : 2 claims : 5 abstract : 1 drawings : 5 Sub-total number of sheets : 4 sequence listings : tables related thereto : (for both, actual number of sheets if filed in paper form, whether or not also filed in computer readable form; see	9	1. 2. 3. 4. 5. 6. 7. 8.		orii cop if a sta pri iter tran (la sep mi seq typ	ginal separate power of attorney ginal general power of attorney py of general power of attorney; reference any: tement explaining lack of signature ority document(s) identified in Box No. Vm(s): instation of international application into anguage): carate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the and number of carriers) copy submitted for the purposes of international separate international separate indications concerning deposited to any computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material quence listing in computer readable form of the purposes of international separate indications concerning deposited croorganism or other biological material	VI as	
(c) below) :	diskette,	10.	(ii) [(iii) [(ii) [(iii) [tab list	search under Rule 13ter only (and not as the international application) (only where check-box (b)(i) or (c)(i) is in left column) additional copies including applicable, the copy for the purposes of international search under Rule 13ter together with relevant statement as to the of the copy or copies with the sequence of mentioned in left column less in computer readable form related to stings (indicate type and number of carrier copy submitted for the purposes of international application) (only where check-box (b)(ii) or (c)(ii) is in left column) additional copies including applicable, the copy for the purposes of international search under Section 802(b-together with relevant statement as to the copy or copies with the tables mentioned er (specify): Form PCT/RO/125	s part of marked ng, where e identity listings sequence sy) national (and not marked ng, where -quater) e identity of the	
Figure of the drawings which should accompany the abstract:	2	inter	natio	nal	filing of the application: French		
Box No. X SIGNATURE OF APPLICANT, AGENT OR COMMON REPRESENTATIVE Next to each signature, indicate the name of the person signing and the capacity in which the person signs (if such capacity is not obvious from reading the request). Carol WALIGORSI, Chef du Service Propriete Industrielle de SNPE For receiving Office use only							
1. Date of actual receipt of the purpo	orted	101	recei	VIII	5 Office use only		
international application: (18/11/2						2.	Drawings:
Corrected date of actual receipt du timely received papers or drawing the purported international applica-	gs completing ation:						received:
Date of timely receipt of the requicorrections under PCT Article 11(International Searching Authority (if two or more are competent):	(2):		6. [Transmittal of search copy delayed until search fee is paid		not received:
		For I	nterna	ation	nal Bureau use only		
Date of receipt of the record copy by the International Bureau:							